

THE REQUESTED PATENT IMAGE IS NOT AVAILABLE FROM THE EPO WEBSITE. BELOW IS THE ABSTRACT OF THE REQUESTED PATENT WHICH POSSIBLY LISTS RELATED PATENT DOCUMENTS. IF YOU FEEL THIS MESSAGE IS IN ERROR, PLEASE REATTEMPT DOWNLOADING THE PATENT OR DOUBLE-CHECK THE PATENT IMAGE AVAILABILITY AT <http://ep.espacenet.com>.

Patent Number: JP10042888

Publication date: 1998-02-17

Inventor(s): TACHIBANA SANROU; YOSHIDA MAYUMI; ITO KAZUKI; OKI TAE; AZUMA MASAHIRO; KUBOTA MINORU

Applicant(s): JUMOKU SEIRI KINOUSEI BUTSUSHITSU GIJUTSU KENKYU KUMIAI

Requested Patent: JP10042888

Application Number: JP19960217896 19960730

Priority Number(s):

IPC Classification: C12P15/00; A01H4/00; A01H5/00; A61K35/78; C12N5/04; C12N5/02

Equivalents:

Abstract

PROBLEM TO BE SOLVED: To obtain taxol for medicines, etc., in a high yield capable of expressing excellent effects for patients suffering from ovarian cancers and pulmonary cancers by culturing calluses and cells derived from taxol-containing plants using chitoheptose.

SOLUTION: This production of taxol by culturing is to aseptically treat fragments of leaves or stems of a taxol-containing plant such as *Taxus cuspidata* Sieb. et Zucc. var. *unbraculifera* Makino, or plants of the family *taxus*, inoculate them to a medium containing 2,4-dichlorophenoxyacetic acid, culture them at 25 deg.C in the dark, induce calluses or cells, plant the calluses or cells to a proliferation medium, culture them for 15 days by adding an aqueous solution of chitoheptose as an elicitor, lyophilize cultured cells, extract the lyophilized cells with a solvent of methanol : water (1:1), concentrate the extracted solution under a reduced pressure, extract the concentrated solution with dichloromethane : water (1:1) and purify the dichloromethane-soluble part by a high speed liquid chromatography to obtain the objective taxol expressed by the formula in high yield.

Data supplied from the **esp@cenet** database - I2

CLAIMS

No Claims were found.

DESCRIPTION

Text Not Available.